

# INTERNATIONAL SEARCH REPORT

International Application No  
PCT/EP2004/053015

## A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 B44C5/04 B32B29/06 D21H17/37 D21H27/26 E04F15/02  
C08K3/04 C08L33/08

According to International Patent Classification (IPC) or to both national classification and IPC

## B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C08K E04F D21H B44C B32B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	DE 35 11 046 A1 (WESTINGHOUSE ELECTRIC CORP.; WESTINGHOUSE ELECTRIC CORP., PITTSBURGH, P) 17 October 1985 (1985-10-17) page 14; claims 1-5; example D; table 1	1,2,7,9, 10
X	DE 34 46 632 A1 (THE MEAD CORP) 4 July 1985 (1985-07-04) page 5, line 1 - page 7, line 28; claims 1-9,11-15	1,2,7,8, 10
X	DE 33 23 461 A1 (FORMICA CORP) 2 August 1984 (1984-08-02) claims 1,4,5 page 3, lines 12-25 page 7, line 25 - page 8, line 5 examples 5,6	1,2,4,5, 7
	-/-	

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

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Date of the actual completion of the international search

14 March 2005

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## C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4 472 474 A (GROSHEIM ET AL) 18 September 1984 (1984-09-18) column 3, lines 51-65; claims 1-9	1,2,4,5, 7
A	WO 02/079571 A (KRONOSPAN TECHNICAL COMPANY LTD; DOEHRING, DIETER; STUTZ, JOSEF) 10 October 2002 (2002-10-10) page 4, line 10 - page 7, line 24 page 12, lines 17-21 page 14, lines 10-14 claims 2,7,9,16-19	2-4,6, 8-10
X	US 5 677 039 A (PERRIN ET AL) 14 October 1997 (1997-10-14) column 1, line 36 - column 2, line 39 claims 1-24; example 1	1
X	PATENT ABSTRACTS OF JAPAN vol. 017, no. 011 (C-1015), 8 January 1993 (1993-01-08) & JP 04 240300 A (CHIYODA GURABIYA INSATSUSHIYA:KK), 27 August 1992 (1992-08-27) abstract	1,7
X	DE 71 02 181 U (ROEMMLER H GMBH) 22 April 1971 (1971-04-22) page 2, line 19 - page 3, line 4; claims 1-4; examples 1,2	1
A	US 4 784 908 A (UNGAR ET AL) 15 November 1988 (1988-11-15) column 1, line 11 - column 2, line 35 column 6, lines 10-52	1,3,7-10
A	US 4 430 375 A (SCHER ET AL) 7 February 1984 (1984-02-07) claims 1-12; figures 1-6	2,3,7-10

# INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/EP2004/053015

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
DE 3511046	A1	17-10-1985	US 4540624 A CA 1256009 A1 GB 2157230 A ,B JP 60230850 A	10-09-1985 20-06-1989 23-10-1985 16-11-1985
DE 3446632	A1	04-07-1985	FR 2557167 A1 JP 60167997 A	28-06-1985 31-08-1985
DE 3323461	A1	02-08-1984	BR 8302839 A FR 2540041 A1	06-11-1984 03-08-1984
US 4472474	A	18-09-1984	NONE	
WO 02079571	A	10-10-2002	WO 02079571 A1 EP 1272707 A1 PL 357213 A1 US 2003138600 A1	10-10-2002 08-01-2003 26-07-2004 24-07-2003
US 5677039	A	14-10-1997	FR 2689531 A1 AT 162250 T AU 3892993 A BR 9306198 A DE 69316346 D1 DE 69316346 T2 DK 633964 T3 EP 0633964 A1 ES 2111742 T3 FI 944645 A WO 9320280 A1 MX 9302060 A1 NO 943756 A	08-10-1993 15-01-1998 08-11-1993 23-06-1998 19-02-1998 14-05-1998 14-09-1998 18-01-1995 16-03-1998 05-10-1994 14-10-1993 29-07-1994 01-12-1994
JP 04240300	A	27-08-1992	NONE	
DE 7102181	U	22-04-1971	NONE	
US 4784908	A	15-11-1988	NONE	
US 4430375	A	07-02-1984	US 4395452 A BR 7800068 A CA 1104051 A1 CA 1245965 B DE 2800762 A1 DE 2858182 C2 FR 2376746 A1 FR 2530534 A1 GB 1591954 A IL 53694 A IT 1091960 B JP 1559318 C JP 53092875 A JP 62040191 B JP 1487229 C JP 59106961 A JP 63035419 B US 4327141 A US 4400423 A US 4263081 A	26-07-1983 15-08-1978 30-06-1981 06-12-1988 13-07-1978 18-01-1990 04-08-1978 27-01-1984 01-07-1981 16-09-1980 06-07-1985 16-05-1990 15-08-1978 27-08-1987 23-03-1989 20-06-1984 14-07-1988 27-04-1982 23-08-1983 21-04-1981